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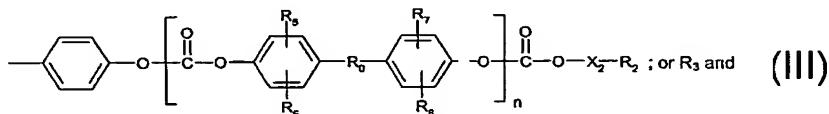
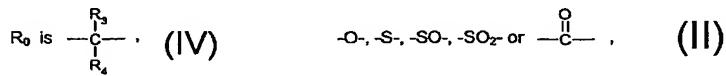
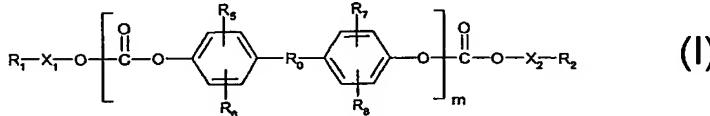
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(54) Title: FLUOROCARBON TERMINATED OLIGO- AND POLY-CARBONATES AS SURFACE MODIFIERS



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(57) Abstract: The instant invention relates to new compounds of the formula (I), wherein R_0 is (formula II), R_1 and R_2 are each independently of the other a fluorine containing group, R_3 and R_4 are each independently of the other hydrogen, a fluorine containing group, C_1-C_{12} alkyl, phenyl or (formula III), or R_3 and R_4 , together with the carbon atom to which they are bonded, form a C_5-C_8 -cycloalkylidene ring that is unsubstituted or substituted by from 1 to 3 C_1-C_4 alkyl groups; R_5 , R_6 , R_7 and R_8 are each independently of the other hydrogen, C_1-C_{12} alkyl or C_3-C_{12} alkenyl, X_1 and X_2 are each independently of the other a direct bond or C_1-C_{12} alkylene, m is 1 to 10'000, and n is 0 to 10'000. These new compounds of the formula (I) are useful as reducers of surface energy for organic materials such as polycarbonates, polyesters or polyketones or their mixtures, blends or alloys. Polymers with such a reduced surface energy possess an "easy to clean", "self-cleaning" "antisoiling", "soil-release" "antigraffiti", "oil resistance", "solvent resistance", "chemical resistance", "self lubricating", "scratch resistance", "low moisture absorption" and "hydrophobic" surface.



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